

Focus Area 3: Prostate Cancer

Objective 3-7 targets an overall reduction in the prostate cancer death rate to 28.2 per 100,000 males.

California's age-adjusted death rates for prostate cancer declined significantly from 26.9 per 100,000 males in 2000 to 22.4 per 100,000 in 2004 (Figure 3-7, Table 3-7). California's prostate cancer death rates are lower than the HP2010 objective of 28.2 per 100,000 males, and this objective is being achieved.

Data by race and ethnicity show that Blacks/African Americans had significantly higher age-adjusted prostate cancer death rates than any other population: 48.8 per 100,000 males in 2004. Although declining significantly these rates are still higher than the HP2010 target, and this objective has not been achieved for the African American/Black population.

The next highest prostate cancer death rates were reported for Whites (23.4 per 100,000 males in 2004), followed by Hispanics/Latinos (18.4 per 100,000 males in 2004), and Asians (10.8 per 100,000 males in 2004). Statistically significant declines in death rates were found for all three of these racial and ethnic groups, and the HP2010 objective is being achieved for all three as of 2004.

Prostate cancer rates for American Indian/Alaska Native, Pacific Islander, and Multirace males were unreliable due to the small number of events and are not reported here.

For more information on prostate cancer in California, visit the California Cancer Registry Web site at:

<http://www.ccrca.org/>

For more information on Healthy People 2010 objective 3-7, please visit:

<http://www.healthypeople.gov/Document/HTML/Volume1/03Cancer.htm>

and

<http://www.healthypeople.gov/Document/html/tracking/od03.htm>

Figure 3-7
Male Prostate Cancer Death Rates
California, 2000-2004

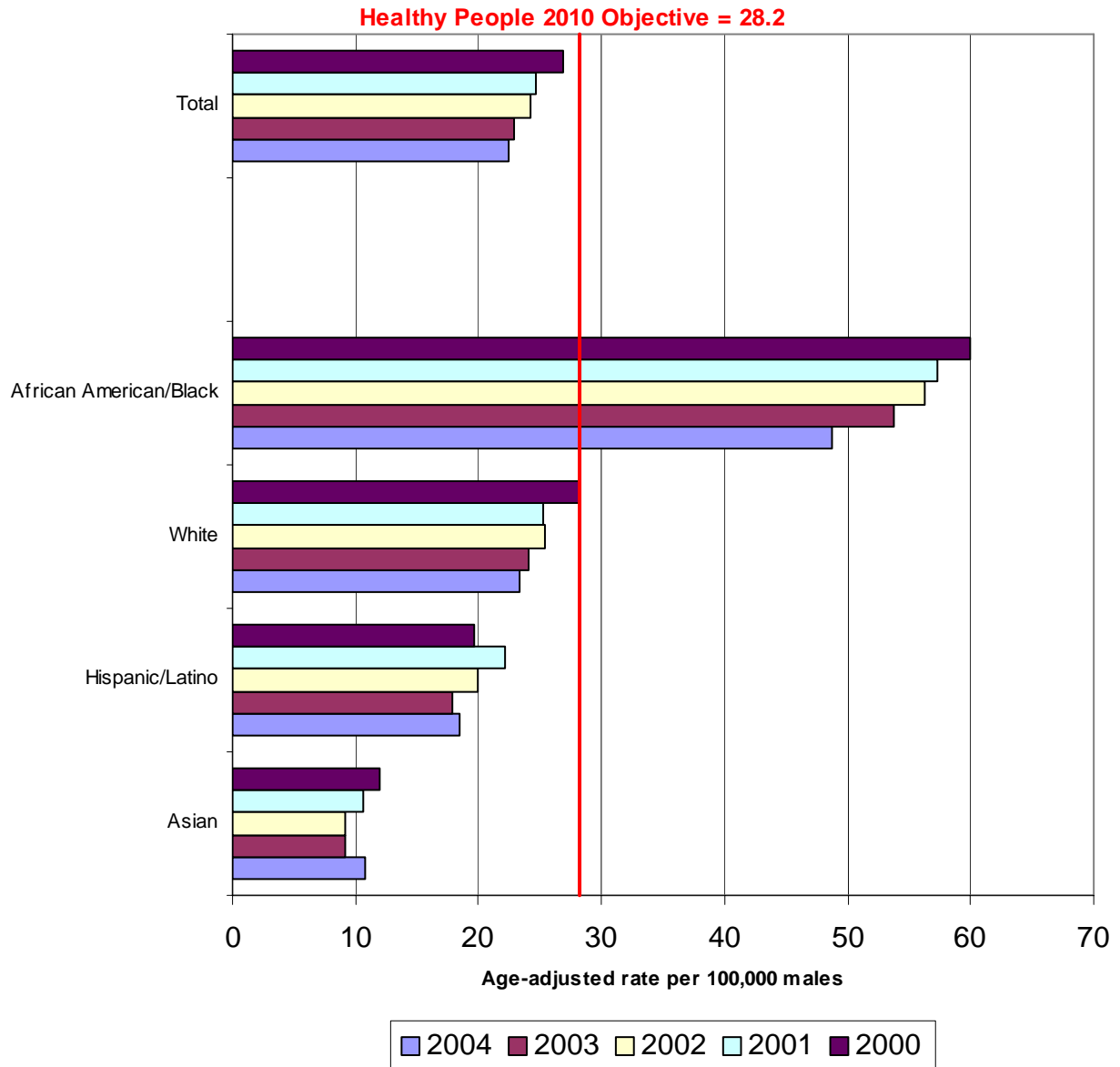


Table 3-7: Male Prostate Cancer Deaths and Death Rates, California 2000-2004

| Objective 3-7 | 2000 | | Lower 95% C.I. | Upper 95% C.I. | 2001 | | Lower 95% C.I. | Upper 95% C.I. |
|-----------------------------------|-------|-------------------|-------------------|-------------------|-------|-------------------|-------------------|-------------------|
| | N | Rate ¹ | | | N | Rate ¹ | | |
| Healthy People 2010 Target | | 28.2 | | | | 28.2 | | |
| Statewide Total | 3,008 | 26.9 | 25.9 | 27.9 | 2,936 | 24.6 | 23.7 | 25.5 |
| Race-Ethnicity | | | | | | | | |
| African American/Black | 325 | 60.0 | 53.2 | 66.8 | 330 | 57.3 | 50.9 | 63.7 |
| American Indian/Alaska Native | 10 | DSU | ----- | ----- | 5 | DSU | ----- | ----- |
| Asian | 120 | 11.9 | 9.7 | 14.1 | 119 | 10.6 | 8.7 | 12.6 |
| Hispanic/Latino | 261 | 19.6 | 17.0 | 22.1 | 328 | 22.1 | 19.6 | 24.6 |
| Pacific Islander | 2 | DSU | ----- | ----- | 6 | DSU | ----- | ----- |
| White | 2,288 | 28.2 | 27.0 | 29.3 | 2,142 | 25.2 | 24.1 | 26.2 |
| Multirace | 2 | DSU | ----- | ----- | 5 | DSU | ----- | ----- |

| Objective 3-7 | 2002 | | Lower 95% C.I. | Upper 95% C.I. | 2003 | | Lower 95% C.I. | Upper 95% C.I. |
|-----------------------------------|-------|-------------------|-------------------|-------------------|-------|-------------------|-------------------|-------------------|
| | N | Rate ¹ | | | N | Rate ¹ | | |
| Healthy People 2010 Target | | 28.2 | | | | 28.2 | | |
| Statewide Total | 3,049 | 24.2 | 23.4 | 25.1 | 3,013 | 22.9 | 22.1 | 23.8 |
| Race-Ethnicity | | | | | | | | |
| African American/Black | 343 | 56.2 | 50.1 | 62.4 | 343 | 53.8 | 47.9 | 59.7 |
| American Indian/Alaska Native | 12 | DSU | ----- | ----- | 8 | DSU | ----- | ----- |
| Asian | 118 | 9.1 | 7.4 | 10.8 | 125 | 9.1 | 7.5 | 10.8 |
| Hispanic/Latino | 317 | 19.9 | 17.6 | 22.2 | 322 | 17.9 | 15.8 | 19.9 |
| Pacific Islander | 9 | DSU | ----- | ----- | 2 | DSU | ----- | ----- |
| White | 2,250 | 25.4 | 24.3 | 26.4 | 2,202 | 24.1 | 23.1 | 25.1 |
| Multirace | 0 | 0.0 | 0.0 | 0 | 8 | DSU | ----- | ----- |

| Objective 3-7 | 2004 | | Lower 95% C.I. | Upper 95% C.I. | 5-year Trend | HP2010 Objective Being Achieved? |
|-----------------------------------|-------|-------------------|-------------------|-------------------|-----------------|-------------------------------------|
| | N | Rate ¹ | | | | |
| Healthy People 2010 Target | | 28.2 | | | | |
| Statewide Total | 2,974 | 22.4 | 21.6 | 23.2 | Sig. - | Yes |
| Race-Ethnicity | | | | | | |
| African American/Black | 311 | 48.8 | 43.2 | 54.4 | Sig. - | No |
| American Indian/Alaska Native | 7 | DSU | ----- | ----- | n/a | Unk |
| Asian | 155 | 10.8 | 9.1 | 12.6 | ns | Yes |
| Hispanic/Latino | 348 | 18.4 | 16.4 | 20.4 | ns | Yes |
| Pacific Islander | 9 | DSU | ----- | ----- | n/a | Unk |
| White | 2,135 | 23.4 | 22.4 | 24.4 | Sig. - | Yes |
| Multirace | 6 | DSU | ----- | ----- | n/a | Unk |

SOURCES: CA Department of Health Services, Death Records, 2000-2004; CA Department of Finance, Demographic Research Unit, Population Projections by Race/Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: Prostate cancer deaths defined by ICD-10 code C61 .

¹ Rate per 100,000 males, age-adjusted using the 2000 US population standard.

Sig. - Statistically significant decrease in age-adjusted death rates from 2000 to 2004.

Sig. + Statistically significant increase in age-adjusted death rates from 2000 to 2004.

ns No significant trend as measured by linear regression analysis; n/a Not applicable (fewer than five data points)

DSU Data statistically unreliable (Relative Standard Error greater than 23 percent).